

Minutes of QCBFD Public Works Committee
1 Sea Breeze Ave. Charlestown Rhode Island
December 13, 2014
Called to order at 9:03 AM

Present: W. Kelly, Chair, R. Campbell, T. Doyle, T. Frost, W. Meyer, V. Reppucci, and J. Rooney
Absent: J. Montstream

I. Minutes of 2 April 2014 meeting of the committee: Voted in favor by all present - Approved

II. Water Leaks – 5 leaks so far this winter.

Consensus recommendation of all present:

- a. Notify community if not found w/in 24 hrs.
- b. Let community know when leak is found w/o indicating where it was.

III. Nitrate Issue – discussed at length.

- A. Need to determine if we have a problem. Latest results (as of 12/9/14) reviewed showing a nitrate level in Well #1 of 5.5 mg/l and in Well #2 of 3.2 mg/l (See RI Analytical Labs Report). At >10 mg/l, state may require us to shut the well down; at >7 mg/l will require us to develop a remediation plan and at >5 mg/l it is recommended that the elderly and children less than 1 take precautions. Now doing monthly testing to get data we have not had. Currently the RIDoFH only recognizes their testing results taken yearly in March for well #1 and in November/December for well #2. At the present none of these nitrate test results have exceeded 5.0 mg/l.
- B. Long Range Planning Committee has the charge to answer the Where and What we should do in the long term.
- C. BOG has directed the PWC to come up with options. Options discussed:
 - a. Denitrification System
 - i. Ion Exchange
 - ii. Reverse Osmosis
 - b. Blending of well output
 - c. New well as far away from the area of influence
- D. Call state to determine that we haven't missed any options.
- E. Motion to recommend to BOG that we pursue a new well location.
Voting in favor: W. Kelly, R. Campbell, T. Doyle, T. Frost, W. Meyer, V. Reppucci, and J. Rooney
Voting opposed: None
Motion Passed.

- F. Community Notification - Motion to notify community if and when the nitrate level in any well exceeds 5 mg/l.

Voting in favor: W. Kelly, R. Campbell, T. Doyle, T. Frost, W. Meyer, V. Reppucci, and J. Rooney
Voting opposed: None
Motion Passed

- G. Committee discussed need for protocol to deal with well blending/switchover if nitrate levels warrant it. Motion that when the nitrate level in the primary pumping well becomes greater than 7 mg/l, switch to the back-up well if it's nitrate level is less than 7 mg/l.

Voting in favor: R. Campbell, T. Doyle, T. Frost, V. Reppucci and J. Rooney
Voting opposed: W. Kelly and W. Meyer
Motion Passed

IV. Consensus recommendation of all present that BOG develop a process of notification for non-email homeowners.

V. New Business for next meeting:

- Further discussion of Nitrate Issue
- UV system
- Fence around Well field
- Roads

Meeting adjourned at 10:43 AM